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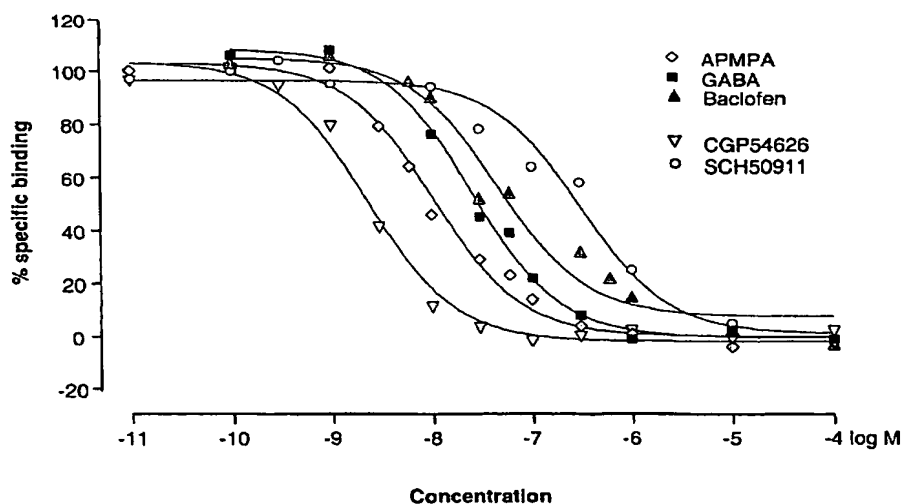
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(54) Title: CHIMERIC GABAB RECEPTOR



(57) Abstract: The present invention provides an isolated GABA_B receptor protein comprising at least one GABA_BR1a subunit and at least one GABA_BR2a subunit, characterized in that said GABA_B receptor has one high affinity agonist binding site and one low affinity agonist binding site. In particular the isolated recombinant GABA_B receptor protein expressed by the hGABA_BR1a/GABA_BR2 CHO cell line deposited at the Belgian Coordinated Collections of Microorganisms (BCCM) as CHO-K1 h-GABA-b R1a/R2 clone on August 22, 2003 with the accession number LMBP 6046CB. It is thus an object of the present invention to provide the hGABA_BR1a/GABA_BR2 CHO cell line deposited at the Belgian Coordinated Collections of Microorganisms (BCCM) as CHO-K1 h-GABA-b R1a/R2 clone on August 22, 2003 with the accession number LMBP 6046CB. The invention also provides the use of the aforementioned cell line in a method to identify GABA_B receptor agonists using a functional or a binding assay.



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